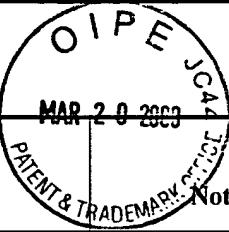


Sect 1

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
2204/186

In Re Application Of: Cain et al.



Serial No.
09/457,209

Filing Date
December 8, 1999

Examiner
Not Yet Assigned

Group Art Unit
2756

Invention: SYSTEM, DEVICE, AND METHOD FOR SENDING KEEP-ALIVE MESSAGES IN A
COMMUNICATION NETWORK



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on
January 19, 2000
Date

Enclosed herewith for filing are the following:

- A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- Other (list):

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.

In Re Application Of: Cain et al.

Serial No.	Filing Date	Examiner	Group Art Unit
09/457,209	December 8, 1999	Not Yet Assigned	2756

**Invention: SYSTEM, DEVICE, AND METHOD FOR SENDING KEEP-ALIVE MESSAGES IN A
COMMUNICATION NETWORK**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

- Completion of application fees as calculated below:

Utility application filing fee \$760.00

Design application filing fee

Total number of independent claims = 4 \$78.00

Total number of claims = **24** **\$72.00**

Multiple dependent claims

Surcharge for late payment of filing fee and/or late filing of original declaration or oath \$130.00

Petition and fee for filing by other than all the inventors or a person not the invention

Fee for processing an application filed with a non-English language specification

Fee for processing and retention of application

Total completion of application fees \$1,040.00

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

One month Two months Three months Four months Five months

from:

until:

Date

Total time extension fees \$0.00

Total fees due \$1,040.00

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
2204/186

In Re Application Of: Cain et al.

Serial No.
09/457,209

Filing Date
December 8, 1999

Examiner
Not Yet Assigned

Group Art Unit
2756

**Invention: SYSTEM, DEVICE, AND METHOD FOR SENDING KEEP-ALIVE MESSAGES IN A
COMMUNICATION NETWORK**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of \$1,040 is to be paid as follows:

- A check in the amount of the fee is enclosed.
- The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 19-4972
- A duplicate copy of this sheet is enclosed.
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 19-4972
- A duplicate copy of this sheet is enclosed.

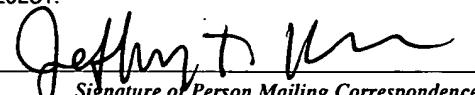


Signature

Dated: March 15, 2000

Jeffrey T. Klayman, Reg. No. 39,250
BROMBERG & SUNSTEIN LLP
125 Summer Street
Boston, MA 02110
(617) 443-9292

I certify that this document and fee is being deposited on 03/15/00 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



Signature of Person Mailing Correspondence

cc:

Jeffrey T. Klayman
Typed or Printed Name of Person Mailing Correspondence



UNITED STATES DEPARTMENT OF COMMERCE

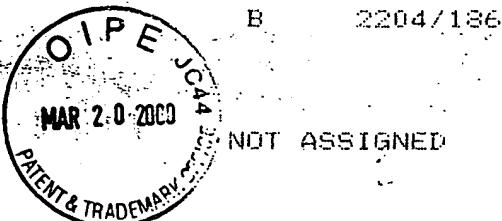
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO/TITLE
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09/457,209 12/08/99 CAIN



JEFFREY T. KLAYMAN
BROMBERG & SUNSTEIN LLP
125 SUMMER STREET
BOSTON MA 02110

MAR 20 2000

0232/0119

NOT ASSIGNED

2756

DATE MAILED:

01/19/00

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a small entity (statement filed) non-small entity is \$ 1040.00.

1. The statutory basic filing fee is:

missing.
 insufficient.

Applicant must submit \$ 760.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

2. The following additional claims fees are due:

\$ 72.00 for 4 total claims over 20.

\$ 78.00 for 1 independent claims over 3.

\$ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

is missing or unsigned.

does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted Inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

03/22/2000 12:00:00 PM 0000019 09457209

C. Miller
Customer Service Center
Initial Patent Examination Division (703) 308-1202

01 FC:101	760.00 <input type="checkbox"/>
02 FC:102	78.00 <input type="checkbox"/>
03 FC:103	72.00 <input type="checkbox"/>
04 FC:105	130.00 <input type="checkbox"/>